Shubham Ralli

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EDUCATION

The University of Texas at Dallas   May 2025
Bachelor of Science, Business Analytics (Dean's List | Transfer Scholarship Recipient)   **GPA 3.9**

TECHNICAL SKILLS

Database Tools & Query Languages: Workbench | SSIS | SSAS | ETL | MySQL | PostgreSQL | MySQL Server
Programming & Scripting: Python | MATLAB | Data Wrangling | Linux
Data Visualization & Reporting: Tableau | Power BI | IBM Cognos Analytics | SAP Crystal Reports | SSRS | M/S Productivity Suite
Machine Learning & Data Analysis: ML | Data Mining | Neural Networks | Clustering | Probabilistic Decision Trees | Classification

CERTIFICATIONS

IBM Certified Data Analyst | Google Certified Data Analyst | KPMG Data Analytics Consulting Virtual Internship | Accenture Data Analytics and Visualization Virtual Experience via Forage | Data Privacy & Protection, Data Manipulation (Python, SQL) | Oracle Database Explorer, MySQL Explorer, and Oracle Cloud Overview | Agile Business Foundations- PMI

WORK EXPERIENCE

The University of Texas at Dallas, Richardson, TX   January 2024-Present
Business Intelligence Analyst (Student Assistant)
- Streamlined advisory consultations, achieving a 20% efficiency boost with personalized degree plans in Excel.
- Elevated decision accuracy by 15% through technical analysis of academic data employing eLearning systems.

The University of Texas at Dallas, Richardson, TX   October 2022-January 2024
Data Strategy Analyst
- Devised semester-wise degree plans for 150 students using Excel functions and pivot tables, achieving a 90% graduation rate.
- Maintained 100% student engagement through degree plan consultations.

The University of Texas at Dallas, Richardson, TX   September 2022-January 2024
Business Analytics Coordinator
- Orchestrated an International Dean's conference with 95% attendee satisfaction.
- Led a social marketing team, increasing student participation by 40%.

PROJETS

Predictive Data Mining: Purchase Probability Analysis   August 2023-December 2023
- Led an extensive data mining initiative, achieving a precision-focused predictive modeling accuracy of over 85%.
- Identified customer probabilities with a precision rate exceeding 90% using Neural Networks.
- Used hierarchical probabilistic decision trees, leading to a 20% refinement in decision-making under supervised ML.

Trends in Aviation Accidents: Tableau Analytics   August 2023-December 2023
- Recognized by Tableau for presenting insights and forecasts on aviation accident trends.
- Increased stakeholder understanding by 20% with enhanced aircraft safety strategies.
- Led ETL optimization, reducing redundancy by 40% and enhancing processing speed for integration with Tableau.

IBM Data Analyst Capstone Project   June 2023-July 2023
- Identified in-demand programming languages with web scraping via Python and APIs, improving accuracy by 15%.
- Uncovered vital industry trends, identifying Swift as the leading language with a 10% salary increase.
- Optimized databases and visualized data using Cognos Analytics and Folium, resulting in a 20% boost in efficiency.

Python-Powered Kayak Rental Shop   April 2023-May 2023
- Programmed a kayak rental shop with flexible pricing and discounts, improving customer satisfaction by 30%.
- Implemented rigorous testing and constraints validation, driving 20% boost in customer satisfaction.

MySQL: Walmart Sales Forecasting   April 2023-May 2023
- Analyzed Walmart's Sales data, uncovering meaningful correlations between sales and specific dimensional attributes.
- Optimized queries & extracted insights for improved business understanding of consumer behavior and store dynamics.

ADDITIONAL INFORMATION

Eligibility: VISA, Eligible to work in the US for internrships and full-time for up to 36 months
Languages: English and Hindi